Chemistry/Science/Technical Electives for Chemical and Biomolecular Engineering  
Fall 2016

Science Electives  
BCHS 3304 General Biochemistry** is commonly taken as a science elective, but any CHEM, PHYS, BIO, or BCHS courses at the 3000 level or above or a pre-approved NSM course at the 3000 level or above can be taken (please check with an advisor (Fleischer) to ensure its acceptance). A petition is required to ensure it will be counted toward the degree plan.

Chemistry Electives  
CHEM 3369 Analytical Chemistry.
Or any CHEM course 3000 level or above not already counted in the degree plan. Please note that CHEM 4370 is a duplicate of our CHEE 3466 class so it cannot count towards the degree.

Technical Electives  
Examples include:
CHEE 5319 Introduction to Nanotechnology  
CHEE 5323 Fundamentals of Tissue Engineering  
CHEE 5368 Chemical Process Economics I  
CHEE 5397 Advanced Wastewater  
CHEE 5377 Introduction to Polymer Science  
PETR courses at the 3000 level or above

Or courses in other engineering departments, or within CHEE (eg. Honors thesis, research with a faculty member) with consent of the CHEE Faculty Undergraduate Advisor (Fleischer). A petition is required to ensure it will be counted toward the degree plan.

Petroleum Engineering has an over-crowding situation. Students in CHEE may need to go on a waiting list. Please contact Anne Sturm.

**Students may take either BCHS 3304 or CHEM 4336. Credit will not be given for both courses. The science elective can be another chemistry course. A petition is required to ensure it will be counted toward the degree plan.